

KC  
5A112004001  
11/14/13  
(1mw)



CHEESE COMPANY

6505 County Road 39 Willows, Ca 95988  
530-934-8660, fax 530-934-8670

October 30, 2013

California Regional Water Quality Control Board  
Central Valley Region  
364 Knollcrest Drive, Suite 205  
Redding, CA 96002

RE: Facility ID 5A112004001, re: Monitoring Wells and Pond #1 data 3rd Quarter Sept 2013

Attn: Waste Water Manager:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

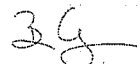
There was no discharge to surface waters, namely Walker Creek, during the month of September 2013.

Currently, liquid waste is being discharged into Pond 5, north of Road 39, in order to ease the burden on Pond 1. Wastewater discharged into Pond 5 evaporates without pooling. No liquid waste is being discharged into Ponds 1-3, directly east of the plant, or into Ponds 6-7, north of road 39.

Due to the lack of rain this year, none of the monitoring wells (MW-1, MW-2, or MW-4) contained groundwater when we attempted to sample them in September. We will sample them for the fourth quarter in November or December.

Enclosed are the monthly wastewater results for discharge ponds. Dissolved oxygen data was not compliant for Pond1 (Ponds 2&3 were compliant), but odor monitoring results concluded that there were little perceivable bad-odors near the ponds or beyond the boundaries of SNCC. Process and cooling water flow results are included as well.

Sincerely,

  
Ben Gregersen  
Owner

# Sierra Nevada Cheese Company

Order R5-2007-0043

Month/Year: September 2013

<i>Pond 1</i>							
Parameter	Units	Week 1	Week 2	Week 3	Week 4	Week 5	Permit Limit
Freeboard	0.01 feet	x	x	x	x	x	2.0
Berm Seepage	Observations	0	0	0	0	x	
Odors	Observations	3	4	4	4	x	worst, 5: best)
Dissolved Oxygen	mg/L	<1	<1	<1	<1	x	1.0

<i>Pond 2</i>							
Parameter	Units	Week 1	Week 2	Week 3	Week 4	Week 5	Permit Limit
Freeboard	0.01 feet	x	x	x	x	x	2.0
Berm Seepage	Observations	0	0	0	0	x	
Odors	Observations	3	4	4	4	x	worst, 5: best)
Dissolved Oxygen	mg/L	1.53	1.65	1.61	1.82	x	1.0

<i>Pond 3</i>							
Parameter	Units	Week 1	Week 2	Week 3	Week 4	Week 5	Permit Limit
Freeboard	0.01 feet	x	x	x	x	x	2.0
Berm Seepage	Observations	0	0	0	0	x	
Odors	Observations	3	4	4	4	x	worst, 5: best)
Dissolved Oxygen	mg/L	6.17	6.31	5.87	5.95	x	1.0

<i>Monthly Monitoring of Pond 1</i>		
Parameter	Units	Date: Sept 5
pH	pH units	6.23
Electrical Conductivity	umhos/cm	3460
BOD	mg/L	637
Ammonia	mg/L	171
Kjeldahl Nitrogen	mg/L	252
Nitrate as N	mg/L	0.33
Total Dissolved Solids	mg/L	1830
Fixed Dissolved Solids	mg/L	1450
Arsenic	ug/L	3.5
Calcium	mg/L	122
Chloride	mg/L	438
Iron	ug/L	1490
Magnesium	mg/L	55.5
Manganese	ug/L	26.8
Potassium	mg/L	209
Sodium	mg/L	318
Sulfate	mg/L	29.5
Total Alkalinity	mg/L	1450
Bicarbonate	mg/L	1770
Carbonate	mg/L	<8
Hardness	mg/L	499

\*Please note that Freeboard is not present although there is no risk of berm runover. Freeboard is rotted and needs to be replaced.\*

Sierra Nevada Cheese Company

Order R5-2007-0043

Month/Year: September 2013

Date	Process Water (gal/day)	Non-Contact Cooling Water (gal/day)
gpd	7061	21440
gpm	153085	471680
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
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22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
Maximum	0	0
Permit Limit:	8,000 gal/day monthly average	

Leachfield Monitoring	
Jan	
Feb	
Mar	
Apr	
May	
Jun	
Jul	
Aug	
Sep	No presence of seeps, erosion, saturation, ponding
Oct	
Nov	
Dec	

Solids Monitoring				
	Waste Type	Quantity	Disposal Location	Disposal Method
1st Quarter				
2nd Quarter				
3rd Quarter	none	0	na	na
4th Quarter				